PATENT

HETWA, 023AUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Hideyuki Oshima Applicant

Group Art Unit

Serial No.

: New U.S. National Stage

Application

IInknown

Filed

: International Filing Date

October 24, 2003

For

: SEARCH CIRCUIT FOR TARGET VALUE, METHOD OF SEARCHING ! FOR TARGET VALUE, AND

SEMICONDUCTOR TEST APPARATUS USING THIS METHOD)

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks Alexandria, VA 22313-1450

Dear Sir:

Examiner

Enclosed is a form PTO-1449 listing nine references relevant to the above-identified application. A copy of the references is also enclosed herewith.

This information disclosure statement is filed at the time of filing the instant application concurrently herewith, therefore, no fee is required under 37 CFR 1.97(b)(1).

All of the references are cited in the International Search Report issued by Japanese Patent Office in the international stage of this case. An English version of the International Search Report is also enclosed. For the prior art references that are not



JC20 R PCT/PTO 2 0 APR 2005

Serial No. : New National Stage Application Filed : PCT Filing Date; June 12, 2003

in English, an English abstract is attached to each of the references when it is readily available.

Applicant respectfully requests that the prior art references submitted be considered in the substantive examination of this application.

Respectfully submitted,
MURAMATSU & ASSOCIATES

Dated: 4/20/05

Asuo Muramatsu Registration No. 38,684 Attorney of Record 114 Pacifica, Suite 310, Irvine, CA 92618 (949) 753-1127

IDS-HW23.001 041805

JC20 Rec'd PCI/PTO 2 0 APR 2005

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

02/18/2008

Considered

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

Examiner

Signature

Translation is attached.

(Use as many sheets as necessary)

/Steven Radosevich/

spond to a collection of information unless it contains a valid OMB control number

Commete if known a valid OMB control number

Application Number

New Application Filing Date 10/24/2003 (PCT) First Named Inventor Hideyuki Oshima Art Unit Examiner Name

Attorney Docket Number HEIWA,023AUS

U. S. PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (F known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear					
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FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	П				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ^e				
		JP 02-143954	06/01/1990	NEC						
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Translation is accident.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO) to process) an application. Confidentiativ is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing his burder, should be sent to the Chef Information Cliffort, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO TIRIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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